



BILLING CODE 6560-50-P

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 152

[EPA-HQ-OPP-2010-0305; FRL-9934-44]

RIN 2070-AJ79

Pesticides; Revisions to Minimum Risk Exemption

AGENCY: Environmental Protection Agency (EPA).

ACTION: Final rule.

SUMMARY: EPA is revising its regulations to more clearly describe the active and inert ingredients that are permitted in products eligible for the minimum risk pesticide exemption. EPA is improving the clarity and transparency of the minimum risk exemption by codifying the inert ingredients list and by adding specific chemical identifiers, where available, for all eligible active and inert ingredients. These specific identifiers will make it easier for manufacturers, the public, and Federal, state, and tribal inspectors to determine the specific chemical substances that are permitted in minimum risk pesticide products. EPA is also modifying the labeling requirements in the exemption to require products to list ingredients on the label with a designated label display name and to provide the producer's contact information on the product's label. These changes will provide more consistent information for consumers and clearer regulations for producers, and will simplify compliance determination by states, tribes, and EPA.

DATES: This final rule is effective *[insert date 60 days after date of publication in the Federal Register]*. The compliance date for the requirements to label ingredients with a label display name and to provide company contact information on the label is *[insert*

*date 3 years after date of publication in the **Federal Register**].*

ADDRESSES: The docket for this action, identified by docket identification (ID) number EPA-HQ-OPP-2010-0305, is available at <http://www.regulations.gov> or at the Office of Pesticide Programs Regulatory Public Docket (OPP Docket) in the Environmental Protection Agency Docket Center (EPA/DC), West William Jefferson Clinton Bldg., Rm. 3334, 1301 Constitution Ave., NW., Washington, DC 20460-0001. The Public Reading Room is open from 8:30 a.m. to 4:30 p.m., Monday through Friday, excluding legal holidays. The telephone number for the Public Reading Room is (202) 566-1744, and the telephone number for the OPP Docket is (703) 305-5805. Please review the visitor instructions and additional information about the docket available at <http://www.epa.gov/dockets>.

FOR FURTHER INFORMATION CONTACT: Ryne Yarger, Field and External Affairs Divisions (7506P), Office of Pesticide Programs, Environmental Protection Agency, 1200 Pennsylvania Ave., NW., Washington, DC 20460-0001; telephone number: (703) 605-1193; fax number: (703) 305-5884; email address: yarger.ryne@epa.gov.

SUPPLEMENTARY INFORMATION:

I. Executive Summary

A. Does this Action Apply to Me?

You may be affected by this action if you manufacture, distribute, sell, or use minimum risk pesticide products. Minimum risk pesticide products are exempt from registration and other requirements under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), and are described in 40 CFR 152.25(f). The following list of

North American Industrial Classification System (NAICS) codes is not intended to be exhaustive, but rather provides a guide to help readers determine whether this document applies to them. Potentially affected entities may include:

- Manufacturers of these products, which includes pesticide and other agricultural chemical manufacturers (NAICS codes 325320 and 325311), as well as other manufacturers in similar industries such as animal feed (NAICS code 311119), cosmetics (NAICS code 325620), and soap and detergents (NAICS code 325611).

- Manufacturers who may also be distributors of these products, which includes farm supplies merchant wholesalers (NAICS code 424910), drug and druggists merchant wholesalers (NAICS code 424210), and motor vehicle supplies and new parts merchant wholesalers (NAICS code 423120).

- Retailers of minimum risk pesticide products (some of which may also be manufacturers), which includes nursery, garden center, and farm supply stores (NAICS code 444220), outdoor power equipment stores (NAICS code 444210), and supermarkets (NAICS code 445110).

- Users of minimum risk pesticide products, including the public in general, as well as exterminating and pest control services (NAICS code 561710), landscaping services (NAICS code 561730), sports and recreation institutions (NAICS code 611620), and child daycare services (NAICS code 624410). Many of these companies also manufacture minimum risk pesticide products.

B. What Action is the Agency Taking?

EPA is revising its regulations to more clearly describe the active and inert ingredients permitted in products eligible for the minimum risk pesticide exemption (40

CFR 152.25(f)). EPA is doing this by codifying the inert ingredients list and reformatting the active and inert ingredients lists, adding specific chemical identifiers, where available, for each eligible active and inert ingredient. These identifiers, through the use of Chemical Abstracts Service Registry Numbers (CAS Nos.), will make it easier for manufacturers, the public, and Federal, state, and tribal inspectors to determine the specific chemical substances that are permitted in minimum risk pesticide products. EPA is also modifying the labeling requirements in the exemption to require the use of a designated label display name for each ingredient in the lists of ingredients on minimum risk pesticide product labels, and to require producers to provide contact information on their products' labels. EPA is finalizing most of the regulatory text that was proposed in the **Federal Register** of December 31, 2012 (Ref. 1), with changes based on the comments submitted to the Agency.

C. What is the Agency's Authority for Taking this Action?

This action is issued under the authority of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), 7 U.S.C. 136 *et seq.*, particularly sections 3 and 25.

D. What are the Incremental Costs and Benefits of the Action?

EPA has determined that the total cost for industry to comply with the labeling requirements of this rulemaking is approximately \$800,000 under a 3-year implementation period as described in the Cost Analysis for this rulemaking (Ref. 2). EPA proposed a 2-year implementation period, but instead determined to use a 3-year implementation period based on public comments since 3 years would be the most sensitive to the smallest firms. The costs for industry to comply with this rulemaking are a result of meeting the new labeling requirements to list ingredients using a designated

label display name and to list the company's contact information on the product's label. Since most companies update their labels every 3 years, EPA has determined that a rule implementation period of 3 years will allow most companies to meet the labeling requirements of the rule as part of their normal labeling practices and will therefore keep industry costs to a minimum.

Benefits of the rule include the improved clarity of the ingredient lists and the improved clarity and transparency of how minimum risk products are labeled. By providing specific chemical identifiers, such as the CAS Nos. for active and inert ingredients, manufacturers and Federal, state, and tribal inspectors will be able to easily determine whether a chemical substance can be used in a minimum risk product, i.e., is eligible for the exemption. These regulatory changes improve compliance and enforcement of the exemption. Requiring ingredients to be listed on the label with common label display names will help inspectors to efficiently determine whether a product is in compliance with the exemption, and will also provide improved clarity and transparency for consumers who want more information about the ingredients used in a product. Additionally, requiring company contact information on labels will provide further transparency and accountability should an adverse event occur while using a product.

II. Background

A. Summary of the Proposed Rule

EPA published a notice of proposed rulemaking (NPRM) in the **Federal Register** of December 31, 2012 (77 FR 76979) (FRL-9339-1) (Ref. 1) proposing to revise the regulations in 40 CFR 152.25(f) that created an exemption from FIFRA requirements for

minimum risk pesticide products. The primary goal of the proposed revisions was to clarify the conditions of exemption for minimum risk pesticides by clearly specifying the chemical substances permitted in minimum risk pesticide products. EPA's proposed revisions clarified the specific active and inert ingredients permitted in minimum risk pesticide products, specified how the ingredients should be presented on the label, and provided consumers with the manufacturer's contact information on the product's label. EPA's intent with the proposed revisions was to clarify the terms of the original exemption and to provide additional clarity and transparency concerning the ingredients that are currently used in exempted products. As described in the proposal, no ingredients were intended to be added or removed from the lists.

B. Public Comment on the Proposed Rule

EPA evaluated all comments received and developed a Response to Comments document, which is available in the docket at <http://www.regulations.gov> using Docket ID No. EPA-HQ-OPP-2010-0305 (Ref. 3). Only the key comments within the scope of the proposed rule and the Agency's responses to those comments are summarized here. For detailed responses, please see the Response to Comment document (Ref. 3).

1. United States Pharmacopeia (USP) Specifications for 19 active ingredients.

Several commenters expressed concern that adding a USP specification for 19 active ingredients in the active ingredients table would go beyond the stated purpose of the proposal, which was to clarify the original active and inert ingredient lists. These commenters said that USP standards might ultimately result in the need to reformulate many products since technical grade active ingredients currently eligible would be removed from the exemption because the ingredients would be unlikely to meet the USP

standards. These commenters said this change would create a new additional burden on minimum risk pesticide product manufacturers.

In response, for the final regulation, EPA has removed the USP specification for all of the active ingredients except for castor oil. EPA recognizes that the addition of USP specifications for the active ingredients identified would result in the removal of technical grade active ingredients that are currently eligible for the minimum risk exemption. Since this rulemaking is to clarify the currently eligible active and inert ingredients and not to add or remove substances from the ingredients lists, EPA is not including the USP specification for 18 of the 19 active ingredients in the final regulatory text. EPA, however, has retained the specification for castor oil to say “United States Pharmacopeia (USP) standard or equivalent” since this specification was part of the original active ingredients list.

2. *Brackets in the label display name.* One commenter stated that requiring certain label display names to contain bracketed text fails to add additional clarity to consumers and inspectors and could create confusion. The commenter cited several inert ingredients with bracketed information in the label display name, such as vinegar (maximum 8% acetic acid in solution). The commenter recommended that the Agency remove the bracketed text included in the “Label Display Name” column, but continue to leave the bracketed information solely in the “Chemical Name” column since the bracketed text best serves as clarification for manufacturers to meet the requirements of the minimum risk exemption. The commenter suggested that keeping the information in the “Chemical Name” column and providing such information at state registration or upon request enables efficient monitoring of the exempted ingredients in a minimum risk

pesticide, and allows for a more consumer-friendly label.

In response, EPA believes that the bracketed information provides important clarifying and safety information for manufacturers to meet the requirements of the exemption and for those states who review and register minimum risk pesticide products. This information ranges from safety limitations on certain inert ingredients such as vinegar (maximum 8% acetic acid in solution) to chemical formulas for inert ingredients such as calcite ($\text{Ca}(\text{CO}_3)$). However, after examining the inert ingredients with bracketed information in the label display name, EPA agrees with the commenter that this information is not necessary to include on the label. The information provided within the brackets is more for manufacturers to correctly identify the specific inert ingredients and understand limitations on inert ingredients than it is to improve the clarity of the labels for consumers. EPA agrees that this information could potentially create confusion for consumers and may add more information than what consumers would want or need about an inert ingredient. Therefore, EPA has removed the bracketed information from the “Label Display Name” column in the final regulatory text. EPA, however, will continue to provide the bracketed information for those inert ingredients in the “Chemical Name” column to help manufacturers comply with the minimum risk exemption’s requirements.

3. *Missing active ingredients.* Two commenters noted that common salt (sodium chloride) was missing from the proposed active ingredients table, while one of the commenters also noted that ground sesame plant was not listed in the active ingredients list.

In response, the deletion of sodium chloride and ground sesame plant from the

exemption were inadvertent omissions in the proposed regulatory text. EPA did not intend for these ingredients to be removed from the exemption. EPA is restoring sodium chloride (CAS No. 7647-14-5) into the table of active ingredients, and is placing “includes ground sesame plant” into the specifications column for “sesame” in the final regulatory text.

4. *Inclusion of “spearmint oil” under the term “mint oil.”* Several commenters suggested that spearmint oil (CAS No. 8008-79-5) should be included under the definition of “mint oil” in the active ingredients table. The commenters stated that “mint oil” could include several varieties under the genus *Mentha*, and that spearmint oil has traditionally been accepted as an eligible active ingredient by the Agency. One commenter suggested that EPA needs to address the other oils that are broadly categorized as mint, while another commenter suggested that EPA should include specific notation or include all CAS numbers whenever multiple CAS numbers may be applicable.

In response, during the development of the proposal, EPA considered the historical use of the terms “mint” and “mint oil.” “Mint” is a broad term for the genus *Mentha*, and could represent a number of different mint or mint oils. However, in promulgating the minimum risk exemption, EPA did not intend the term “mint and mint oil” to include all oils from the genus *Mentha*. Peppermint and peppermint oil (derived from *Mentha piperita*), for example, was listed separately from “mint and mint oil” in the 1996 active ingredient list. When the minimum risk exemption was promulgated in 1996, “mint and mint oil” was intended to refer only to cornmint and cornmint oil (*Mentha arvensis*), since spearmint oil (*Mentha spicata*) at that time was a registered active

ingredient. However, “mint and mint oil” was written broadly so that spearmint oil could also be included under this term (Ref. 3).

EPA agrees with the commenters that spearmint oil has traditionally been accepted under the definition of “mint oil” and has been regarded as a minimum risk active ingredient by the Agency. Therefore, in addition to cornmint oil, EPA is including the CAS No. for spearmint oil (CAS No. 8008-79-5) in the active ingredients list. Additionally, since no other ingredients were intended to be included under “mint and mint oil” when the minimum risk exemption was written, EPA is also revising how cornmint, cornmint oil, spearmint, and spearmint oil are listed in the table. Instead of being identified under the general terms “mint” and “mint oil,” which has caused confusion in the past, these terms are being removed from the active ingredients list and are being replaced with separate listings for “cornmint,” “cornmint oil,” “spearmint,” and “spearmint oil.” EPA believes that this change will improve the clarity and transparency of the listings for these mints and mint oils, while also being more consistent with how the Agency lists these specific substances in other databases.

Since the purpose of this rulemaking is to clarify those ingredients that were intended to be exempt under the original exemption and not to add or remove ingredients, EPA is not reassessing the appropriateness of whether or not other mints or mint oils should be included under this rulemaking. If stakeholders have information that they believe supports the inclusion of other mints or mint oils, they can provide such information to EPA in a petition for evaluation. EPA will consider and respond to all such petitions.

5. Use of CAS Nos. to identify eligible ingredients. While several commenters

expressed support for using CAS Nos. to identify eligible ingredients when available, one commenter stated that EPA's assumption that CAS Nos. are unique chemical identifiers is not accurate for every ingredient. The commenter noted, for example, that many ingredients have multiple CAS Nos. that could apply, other ingredients have none, and many CAS Nos. are defined as broad general categories.

The commenter recommended that EPA add the Consumer Specialty Products Association's Consumer Product Ingredients Dictionary (CSPA Dictionary) to the list of reference sources because the CSPA Dictionary Nomenclature Committee addresses the issues identified above. The commenter stated that the CSPA Dictionary contains monographs developed by the Committee to establish consistent nomenclature for consumer product ingredients (including those in antimicrobial and pest management products) submitted for inclusion, and carefully defines each ingredient, including all CAS Nos. and other names the Committee finds for the ingredient, in addition to recommending a CSPA name that is judged to be best for consumer ingredient communication. The commenter suggested that including the CSPA Dictionary as a nomenclature option would further the stated goals of identifying the active ingredients by universally accepted names, since it includes all of the CAS Nos. and names where they are available and considered applicable.

In response, EPA has consistently provided the chemical names, as determined by the Chemical Abstracts Service, and CAS Nos., when available, for each of the eligible ingredients on the minimum risk inert ingredients list that has been provided on the Agency's website. EPA's experience with providing this information on the publicly-available inerts list has not shown to be problematic in the past. CAS Index Names and

CAS Nos. are generally recognized as universal identifiers for chemicals, which helps to reduce confusion and improves clarity for the permitted ingredients. In fact, the use of these chemical names and CAS Nos. have benefitted state reviewers and formulators by providing the specific chemical identifiers needed to determine whether an inert ingredient is or is not permitted in minimum risk pesticide products. CAS Nos. are also required on Material Safety Data Sheets, which makes the CAS No. a useful tool for enforcement purposes. EPA believes that continuing this practice for the inert ingredient list and providing similar information in the active ingredients list will provide the specificity needed to help with compliance and enforcement of the exemption while maintaining consistency with Agency practices.

Regarding the use of the CSPA Dictionary as a reference option, the CSPA Dictionary is not a publicly-available information source, and individuals would have to purchase the dictionary in order to reference the information provided in it. Therefore, EPA believes that referencing the CSPA Dictionary would reduce transparency. While a webpage does offer access to publicly-available indices associated with the CSPA Dictionary, EPA does not believe that these indices alone offer improved transparency and clarity. EPA's intent in proposing the use of a label display name was to provide a chemical name more understandable to many consumers, thus increasing transparency and consistency. Additionally, a standardized label display name provides the opportunity for state inspectors to become familiar with the name, thus decreasing label review timeframes. EPA believes that the CAS approach provides the most consistent and transparent way to provide information since this information is universally recognized and consistent with how the Agency has been identifying chemicals in the past.

6. *Codification of the inert ingredient list and the need for an efficient mechanism for adding or remove ingredients from the lists.* Several commenters expressed concerns about the codification of the inert ingredient list. Since the 1996 promulgation of the minimum risk exemption, the list has been held as a reference within 40 CFR 152.25(f)(2), updated periodically, and maintained on EPA's public website. The commenters questioned what codification would mean for getting ingredients added or removed from the list. These commenters understood that notice and comment rulemaking would be needed to make changes to the inert ingredients list once codified in 40 CFR 152.25(f). Accordingly, the commenters suggested that the rulemaking process would inadvertently create a barrier to adding new ingredients, as well as potentially slowing the Agency's ability to remove an ingredient should the need arise. The commenters questioned if an efficient mechanism could be developed so that additions or deletions from the list could be easily accomplished.

In response, for the final regulation, EPA believes that codifying the inert ingredient list in 40 CFR 152.25(f)(2) provides immediate benefits to all parties. An inert ingredient list directly in the regulations offers much needed clarity to Federal, state, and tribal inspectors and manufacturers. Having all of the ingredients codified also improves the efficiency of inspections because inspectors will not have to look through multiple sources to find the information they need.

EPA understands that stakeholders may want to add or remove ingredients from the ingredient lists for various reasons. EPA has been examining ways to make the process of adding or removing an ingredient from the exemption as streamlined as possible while meeting the requirements of notice and comment rulemaking. For

example, EPA is considering developing guidance that would describe the process and types of information EPA may need for a stakeholder to request the addition or removal of an ingredient from the lists. Any guidance that EPA may develop in the future for minimum risk pesticides would be available on EPA's website at <http://www2.epa.gov/minimum-risk-pesticides>.

EPA believes that codifying the inert ingredient list and revising both the active and inert ingredient lists as soon as possible via this final rule, even if the guidance is not yet available, is appropriate to provide the immediate benefits previously described. Companies may at any time petition the Agency to add or remove an ingredient from the active or inert ingredient lists under the Administrative Procedure Act, even in the absence of guidance. EPA cannot predict in advance what the response will be to any particular petition to amend the list of ingredients eligible for the exemption. If the Agency were to grant such a petition, the changes to the ingredient lists would be subject to notice and comment rulemaking.

7. Proposed timeframe for implementation. Most commenters indicated that the proposed 2-year compliance period was reasonable, although a few commenters supported a 3-year implementation period that would allow the smallest companies more time to complete the changes and sell existing stock at minimal cost.

In response, EPA has decided to use a 3-year compliance period instead of the proposed 2-year compliance period. EPA's Cost Analysis document (Ref. 2) indicated that the costs to change labels over a 2-year compliance period would cost the average small business \$14,634, or 0.5% of their gross revenue. However, a 3-year compliance period would be the most sensitive to the smallest firms, costing the average small

business \$3,857, or 0.1% of their gross revenue. Based on estimates described in the Cost Analysis, companies typically change labels every 3 years, so costs to comply with the changes made in this rulemaking would be reduced by almost 75% when using a 3-year compliance period instead of a 2-year timeframe.

8. Tolerance/tolerance exemptions for minimum risk pesticide ingredients. One state commenter indicated that the most challenging issue for their state has been the lack of understanding about when residue tolerances or tolerance exemptions are required for products intended for use on food or feed sites. The commenter stated that they regularly encounter minimum risk products labeled for food/feed uses that do not comply with the tolerance requirements in 40 CFR part 180, and have been challenged over this issue by several registrants. The commenter stated this problem is exacerbated by poor guidance, conflicting messages received by registrants from direct contacts within EPA, and inconsistent regulation among states regarding the issue. The commenter stated that the proposed revisions will do little to alleviate the problems associated with meeting the requirements for residue tolerances or exemptions from the tolerance requirement.

Another state commenter stated that better clarification is needed regarding allowed ingredients that do not have tolerance exemptions for residues that may end up on food or feed. The commenter stated that the current minimum risk exemption language makes no mention that exemption of a product is conditional on limitations on food use sites for products containing active and/or inert ingredients without tolerance exemptions. With the language provided in the proposed rule, the commenter stated that if EPA's intent is that minimum risk products must restrict labeled use sites based on the status of tolerance or tolerance exemptions of the ingredients, then the Agency should

clearly state that as a requirement of the exemption. The commenter did not believe that referring minimum risk pesticide manufacturers to guidance with the suggestion that they consult tolerance information would be sufficient.

The commenter also stated that even if EPA amended the exemption to add label restrictions for food crop use sites as a condition of the exemption, this still would not be enough. The commenter argued that since these products are exempt from FIFRA, the prohibition in FIFRA on use of pesticides inconsistent with label directions would not apply. The commenter stated that while some states such as theirs are able to enforce minimum risk pesticide labels, EPA and the states cannot require the user to adhere to directions on labels for exempted products. The commenter also stated that the general reference to section 408 of the Federal Food, Drug, and Cosmetic Act (FFDCA) in the proposal is not sufficient authority for their state to deny registration applications or stop the distribution of a minimum risk exempt product that has food use sites but no tolerance exemption for one or more ingredients, and that the same is true for the guidance referenced in the proposed regulatory text. The commenter indicated that their state does not have the authority to enforce FFDCA. As a result, the commenter encouraged EPA to not include ingredients as allowable active ingredients in minimum risk pesticides exempted from FIFRA if EPA does not have enough information to issue a broad tolerance exemption for use on food crops.

In response, this rule does not attempt to address when a tolerance or tolerance exemption may be required or to list existing tolerances or exemptions applicable to minimum risk pesticides. EPA understands that there can be confusion regarding whether a minimum risk pesticide ingredient is included in a pesticide tolerance or tolerance

exemption, and regarding when a tolerance or tolerance exemption is necessary for use of a minimum risk pesticide product on food or feed. As noted in the NPRM, EPA proposed to address some of these issues by directing manufacturers to 40 CFR part 180 to find information about tolerance requirements. EPA is finalizing this change as proposed.

On its website, at <http://www2.epa.gov/minimum-risk-pesticides>, EPA recently provided additional guidance with clearer descriptions of where tolerance information can be found for those ingredients that are eligible for use on food or food-use sites. EPA believes the additional guidance will help manufacturers find the information they need to comply with pesticide tolerance requirements while alleviating some of the problems experienced by the commenter.

EPA is not attempting to enforce adherence to the labels of minimum risk pesticides, which as noted cannot be done for pesticides subject to 40 CFR 152.25(f). Rather, the Agency is assisting minimum risk pesticide producers in ensuring that the use directions on the product do not cause the label to be false or misleading. An exemption from FIFRA requirements under section 25(b) of the statute, including the minimum risk exemption at 40 CFR 152.25(f), cannot exempt pesticides from the requirements of a tolerance or tolerance exemption under FFDCA. Under FFDCA, any pesticide chemical residue to be used in or on foods in commerce in the United States must have either an established tolerance or tolerance exemption. When a minimum risk product explicitly states on its label that it can be used in or on food or food-use sites in commerce, but one or more of the ingredients does not have an established tolerance or tolerance exemption, the label is indicating that the product may be used in a way that would violate Federal law. Such a label is therefore false or misleading. One of the requirements for the

exemption, contained in § 152.25(f)(3)(iii), is that the product must not include any false and misleading labeling statements. A product bearing a label that is false and misleading would therefore not be eligible for the minimum risk exemption, and sale or distribution of that product would require FIFRA registration, including any needed label changes. If state law requires a pesticide to be compliant with FIFRA, the state can insist that the label not allow a food use without the necessary tolerance or tolerance exemption. This will help ensure that products labeled for food-uses are properly labeled, thus reducing the potential for improper use of the product.

In the regulatory text of the proposal, EPA stated in §152.25(f)(1) that “all listed active ingredients may be used in non-food use products,” but products intended to be used “on food and animal feed can only include active ingredients with applicable tolerances or tolerance exemptions in part 180” to comply with FFDCA. During development of the proposal, EPA considered adding tolerance information into the reformatted ingredients tables in 40 CFR 152.25(f) for reference purposes. However, EPA did not include this information because tolerances or tolerance exemptions can change frequently, meaning that any tolerance information in §152.25(f) would also have to be revised via rulemaking, possibly leading to errors in the regulation.

To improve the clarity of the information about tolerances in the regulatory text, EPA is revising the explanatory text about tolerances in §152.25(f)(1) for active ingredients, and is adding similar explanatory text for inert ingredients in §152.25(f)(2). As specified in the final regulatory text, EPA is using its website to provide additional guidance on where tolerance information can be found. As needed, information on the website can be easily changed and can direct people where to find the tolerance

information they need to comply with FFDCA. EPA believes that these approaches will make it clearer that manufacturers should review the tolerance information in 40 CFR part 180 before labeling their product for food uses to prevent their labels from potentially being false or misleading.

C. Other Modifications to the Regulatory Text

While responding to the comments regarding mint oil, EPA realized that additional clarity would be helpful for the descriptions of cedar oil in the active ingredients table. “Cedar oil” is a non-specific term, and the proposal listed three separate CAS Nos. for it. While each CAS No. is associated with a specific type of cedar oil, the type of cedar oil was not indicated in the label display name or the chemical name. EPA is revising the label display names from “Cedar oil” to “Cedarwood oil” to improve clarity and the chemical names to more clearly reflect the differences among the three CAS Nos. for cedarwood oil. These revisions will also improve the clarity and transparency of the eligible ingredients for manufacturers and inspectors. This does not change the list of ingredients eligible for the exemption or impose any additional requirements on producers of minimum risk pesticides containing one of these ingredients. The chemical name changes for the three cedarwood oil ingredients are, as follows:

- CAS No. 85085-29-6 will have the chemical name, “Cedarwood oil (China).”
- CAS No. 68990-83-0 will have the chemical name, “Cedarwood oil (Texas).”
- CAS No. 8000-27-9 will have the chemical name, “Cedarwood oil (Virginia).”

Additionally, EPA determined to finalize only the first sentence of proposed §152.25(f)(3)(v). EPA believes that a description of the information available on EPA’s

website is not needed in regulatory text. Since this is not a condition of the exemption, EPA is finalizing the first sentence of proposed §152.25(f)(3)(v) in a new §152.25(f)(4) to be entitled “Providing guidance.”

Because these changes do not modify the list of eligible ingredients for the exemption or otherwise affect the scope of the exemption, EPA has determined that notice and comment are unnecessary in accordance with the good cause exemption contained in 5 U.S.C. § 553(b)(B) of the Administrative Procedure Act.

III. The Final Rule

With the exception of the modifications discussed in Unit II.B. and II.C., EPA is finalizing the rule in essentially the same form as the proposed rule. The final rule continues to do the following:

- Redesign the format of the active ingredients list,
- Codify the list of permitted inert ingredients,
- Provide specific chemical identifiers, through the use of CAS Nos., for each eligible active and inert ingredient when available,
- Require that a common “label display name” for each ingredient be used when listing ingredients on a product’s label, and
- Require company name and contact information on product labels.

EPA recently updated its guidance on minimum risk pesticides online at <http://www2.epa.gov/minimum-risk-pesticides>. This website now includes guidance on pesticide tolerances for minimum risk ingredients and provides alternative formats of the active and inert ingredient lists that may be more suitable for some users. Shortly after the effective date of this final rule, EPA intends to include additional guidance, as needed,

such as labeling guidance for minimum risk pesticides and how to request additional ingredients to be added or removed from the minimum risk exemption.

IV. References

As indicated under **ADDRESSES**, a docket has been established for this final rule under docket ID number EPA-HQ-OPP-2010-0305. The following is a listing of the documents that are specifically referenced in this action. The docket includes these documents and other information considered by EPA, including documents that are referenced within the documents that are included in the docket, even if the referenced document is not physically located in the docket. For assistance in locating these other documents, please consult the person listed under **FOR FURTHER INFORMATION CONTACT**.

1. U.S. EPA. Pesticides; Revisions to Minimum Risk Exemption; Proposed Rule. **Federal Register** December 31, 2012 (77 FR 76979) (FRL-9339-1).
2. U.S. EPA. Office of Pesticide Programs (OPP). Cost and Small Business Analysis of Revisions to Minimum Risk Exemption (2014).
3. U.S. EPA, (OPP). Response to Public Comments on the Proposed Rule: “Pesticides; Revisions to Minimum Risk Exemption.” (2014).
4. U.S. EPA, (OPP). Decision Memorandum: Mint Oil (2008).
5. U.S. EPA, (OPP). Supporting Statement for an Information Collection Request (ICR): Labeling Change for Certain Minimum Risk Pesticides under FIFRA Section 25(b). EPA ICR No. 2475.02; OMB Control No. 2070-0187 (2015).

V. FIFRA Review Requirements

In accordance with FIFRA sections 21 and 25(a), the Agency submitted a draft of

this final rule to the appropriate Congressional Committees, the Secretary of the Department of Agriculture (USDA), and the Secretary of the Department of Health and Human Services (HHS). HHS waived its review of this rule on June 19, 2015. On June 18, 2015, USDA reviewed this rule, and did not have any comments related to policy. USDA provided a technical comment, which EPA has reviewed and accepted.

Under FIFRA section 25(d), EPA also submitted a draft of this final rule to the FIFRA Scientific Advisory Panel (SAP). The SAP waived its scientific review of the final rule on June 24, 2015, because the final rule does not contain scientific issues that warrant review by the Panel.

VI. Statutory and Executive Order Reviews

A. Executive Order 12866: Regulatory Planning and Review and Executive Order 13563: Improving Regulation and Regulatory Review

This action is not a significant regulatory action and was therefore not submitted to the Office of Management and Budget (OMB) for review under Executive Orders 12866, October 4, 1993 (58 FR 51735) and 13563, January 21, 2011 (76 FR 3821).

B. Paperwork Reduction Act (PRA)

The information collection activities in this rule have been submitted to OMB for approval under the PRA, 44 U.S.C. 3501 *et seq.* The Information Collection Request (ICR), identified by EPA ICR No. 2475.02 (Ref. 5), is available in the docket for this rule, and it is briefly summarized here.

The information collection activities in this rule consist of changes to existing requirements that involve the one-time relabeling of products currently exempt under 40 CFR 152.25(f) in order to list chemical names in the format required by EPA and to

include the producer's contact information. The ICR accounts for the burden for a one time label change which provides important regulatory information for the Federal, state, and tribal authorities that regulate minimum risk pesticide products.

Respondent's obligation to respond: Required to obtain or retain a benefit (40 CFR 152.25(f)).

Estimated number of respondents: 216.

Frequency of response: One-time for each product needing a label change.

Total estimated burden: 2,123 hours (per year). Burden is defined at 5 CFR 1320.3(b).

Total estimated cost: \$198,811.23 (per year). There are no capital or operation and maintenance costs.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The OMB control numbers for EPA regulations in 40 CFR are listed in 40 CFR part 9. When OMB approves this ICR, the Agency will announce that approval in the **Federal Register** and publish a technical amendment to 40 CFR part 9 to display the OMB control number for the approved information collection activities contained in this final rule.

C. Regulatory Flexibility Act (RFA)

I certify that this action will not have a significant economic impact on a substantial number of small entities under the RFA, 5 U.S.C. 601 *et seq.* The small entities subject to the requirements of this action are small businesses who manufacture minimum risk pesticide products. No small governmental jurisdictions or not-for-profit

enterprises are known to produce minimum risk pesticide products. The Agency has determined that there are approximately 97 small firms (out of a total of 192), accounting for approximately 51% of the industry. These small firms may experience an impact of 0.1% of gross revenue given a 3-year compliance period. To account for the impacts on very small firms, i.e., those with sales less than \$500K, EPA performed a refined analysis that divided each individual firm's relabeling cost by that firm's sales revenue. With a 3-year compliance period, 7 small firms (or approximately 7% of all small firms) are likely to experience an economic impact of 1% or more of gross sales, while no small firms will incur impacts greater than or equal to 3% of gross sales. Details of this analysis are presented in the analysis for this rule (Ref. 2).

The selection of the 3-year compliance period was based on information obtained in 2009 from a group of small manufacturers of minimum risk insect repellent products, as well as comments received during the public comment period for the proposed rule. EPA initially proposed a 2-year compliance period for companies to relabel their products since the companies indicated they needed at least 2 years in order to avoid significant costs (Ref. 2). This would allow most companies to incorporate the changes into their regularly planned label updates, and sell any products with older labels, thus reducing the cost and burden of the changes to the exemption. During the public comment period for the proposed rule, EPA received comments that expressed support for both the proposed 2-year compliance period and the longer 3-year compliance period. While several commenters felt that the 2-year period would provide sufficient time to comply with the new labeling requirements, some commenters felt that a 3-year compliance period would benefit the smallest companies to incorporate the changes into

regularly planned updates and to sell their existing stock, thus minimizing their costs and burden to comply with the new requirements. EPA is aware that most companies make regularly planned label updates every 3 years (Ref. 2). By going with a 3-year compliance period instead of the originally proposed 2-year timeframe, costs on industry would be reduced by almost 75% from the 2-year implementation period, thereby being more sensitive to the smallest of small firms.

D. Unfunded Mandates Reform Act (UMRA)

This action does not contain an unfunded mandate of \$100 million or more as described in UMRA, 2 U.S.C. 1531-1538, and does not significantly or uniquely affect small governments. EPA has determined that this action imposes no enforceable duty on any state, local, or tribal governments because there are no known instances where such governments currently produce any pesticides such that they would be subject to this rulemaking. In addition, the potential costs for the private sector do not qualify as an unfunded mandate under UMRA.

E. Executive Order 13132: Federalism

This action does not have federalism implications, as specified in Executive Order 13132, August 10, 1999 (64 FR 43255). It will not have substantial direct effects on the states, on the relationship between the national government and the states, or on the distribution of power and responsibilities among the various levels of government.

F. Executive Order 13175: Consultation and Coordination with Indian Tribal Governments

This action does not have tribal implications as specified in Executive Order 13175, November 9, 2000 (65 FR 67249). There are no known instances where a tribal

government is the producer of a minimum risk pesticide currently exempt from regulation. Thus, Executive Order 13175 does not apply to this action.

G. Executive Order 13045: Protection of Children from Environmental Health Risks and Safety Risks

The EPA interprets Executive Order 13045, April 23, 1997 (62 FR 19885) as applying only to those regulatory actions that concern environmental health or safety risks that the EPA has reason to believe may disproportionately affect children, per the definition of “covered regulatory action” in section 2-202 of the Executive Order. This action is not subject to Executive Order 13045 because it does not concern an environmental health risk or safety risk.

H. Executive Order 13211: Actions Concerning Regulations that Significantly Affect Energy Supply, Distribution, or Use

This action is not subject to Executive Order 13211, May 22, 2001 (66 FR 28355) because it is not a significant regulatory action under Executive Order 12866.

I. National Technology Transfer and Advancement Act (NTTAA)

This rulemaking does not involve technical standards that would require the consideration of voluntary consensus standards pursuant to NTTAA section 12(d), 12(d) (15 U.S.C. 272 note).

J. Executive Order 12898: Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations

This action does not involve special consideration of environmental justice related issues as specified in Executive Order 12898, February 16, 1994 (59 FR 7629). EPA believes the human health or environmental risk addressed by this action will not have

potential disproportionately high and adverse human health or environmental effects on minority, low-income, or indigenous populations because it does not affect the level of protection provided to human health or the environment. To the contrary, this action will increase the level of environmental protection for all affected populations without having disproportionately high and adverse human health or environmental effects on any population, including any minority or low-income population. This action only involves minimum risk pesticide products, and may have positive impacts for all communities, since the rule provides increased information for consumers considering the use of pesticides. This action, which will improve clarity on product labels, will enable all users regardless of economic status to become more informed about the pesticide substances they may be interested in using.

VII. Congressional Review Act (CRA)

This action is subject to the CRA, 5 U.S.C. 801 *et seq.*, and the EPA will submit a rule report to each House of Congress and the Comptroller of the United States. This action is not a “major rule” as defined by 5 U.S.C. 804(2).

List of Subjects in 40 CFR Part 152

Environmental protection, Administrative practice and procedure, Agricultural commodities, Pesticides and pests, Reporting and recordkeeping requirements.

Dated: December 16, 2015.

Gina McCarthy,
Administrator.

Therefore, 40 CFR chapter I is amended as follows:

PART 152--[AMENDED]

1. The authority citation for part 152 continues to read as follows:

Authority: 7 U.S.C. 136-136y; subpart U is also issued under 31 U.S.C. 9701.

2. Amend § 152.25 by revising paragraph (f) to read as follows:

§ 152.25 Exemptions for pesticides of a character not requiring FIFRA regulation.

* * * * *

(f) *Minimum risk pesticides*—(1) *Exempted products*. Products containing the following active ingredients, alone or in combination with other substances listed in table 1 of this paragraph, are exempt from the requirements of FIFRA provided that all of the criteria of this section are met. All listed active ingredients may be used in non-food use products. Under section 408 of the Federal Food, Drug, and Cosmetic Act and EPA (FFDCA) implementing regulations at part 180 of this chapter, food and animal feed in commerce can bear pesticide residues only for those ingredients that have tolerances or tolerance exemptions in part 180 of this chapter. Such tolerances or exemptions may be found, for example, in §§ 180.950, 180.1071, 180.1087, 180.1233, and 180.1251 of this

chapter.

Table 1 – Active Ingredients Permitted in Exempted Minimum Risk Pesticide**Products**

Label Display Name	Chemical Name	Specifications	CAS No.
Castor oil	Castor oil	United States Pharmacopeia (U.S.P.) or equivalent	8001-79-4
Cedarwood oil	Cedarwood oil (China)	---	85085-29-6
Cedarwood oil	Cedarwood oil (Texas)	---	68990-83-0
Cedarwood oil	Cedarwood oil (Virginia)	---	8000-27-9
Cinnamon	Cinnamon	---	N/A
Cinnamon oil	Cinnamon oil	---	8015-91-6
Citric acid	2-Hydroxypropane-1,2,3-tricarboxylic acid	---	77-92-9
Citronella	Citronella	---	N/A
Citronella oil	Citronella oil	---	8000-29-1
Cloves	Cloves	---	N/A
Clove oil	Clove oil	---	8000-34-8
Corn gluten meal	Corn gluten meal	---	66071-96-3
Corn oil	Corn oil	---	8001-30-7
Cornmint	Cornmint	---	N/A
Cornmint oil	Cornmint oil	---	68917-18-0
Cottonseed oil	Cottonseed oil	---	8001-29-4
Dried blood	Dried blood	---	68991-49-9
Eugenol	4-Allyl-2-methoxyphenol	---	97-53-0
Garlic	Garlic	---	N/A
Garlic oil	Garlic oil	---	8000-78-0
Geraniol	(2E)-3,7-Dimethylocta-2,6-dien-1-ol	---	106-24-1
Geranium oil	Geranium oil	---	8000-46-2
Lauryl sulfate	Lauryl sulfate	---	151-41-7
Lemongrass oil	Lemongrass oil	---	8007-02-1
Linseed oil	Linseed oil	---	8001-26-1
Malic acid	2-Hydroxybutanedioic acid	---	6915-15-7
Peppermint	Peppermint	---	N/A
Peppermint oil	Peppermint oil	---	8006-90-4
2-Phenylethyl propionate	2-Phenylethyl propionate	---	122-70-3
Potassium sorbate	Potassium (2E,4E)-hexa-2,4-dienoate	---	24634-61-5

Putrescent whole egg solids	Putrescent whole egg solids	---	51609-52-0
Rosemary	Rosemary	---	N/A
Rosemary oil	Rosemary oil	---	8000-25-7
Sesame	Sesame	Includes ground sesame plant	N/A
Sesame oil	Sesame oil	---	8008-74-0
Sodium chloride	Sodium chloride	---	7647-14-5
Sodium lauryl sulfate	Sulfuric acid monododecyl ester, sodium salt	---	151-21-3
Soybean oil	Soybean oil	---	8001-22-7
Spearmint	Spearmint	---	N/A
Spearmint oil	Spearmint oil	---	8008-79-5
Thyme	Thyme	---	N/A
Thyme oil	Thyme oil	---	8007-46-3
White pepper	White pepper	---	N/A
Zinc	Zinc	Zinc metal strips (consisting solely of zinc metal and impurities)	7440-66-6

(2) *Permitted inert ingredients.* A pesticide product exempt under paragraph (f)(1) of this section may only include the inert ingredients listed in paragraphs (f)(2)(i) through (iv) of this section. All listed inert ingredients may be used in non-food use products. Under FFDCA section 408 and EPA implementing regulations at part 180 of this chapter, food and animal feed in commerce can bear pesticide residues only for those ingredients that have tolerances or tolerance exemptions in part 180 of this chapter. Such tolerances or exemptions may be found, for example, in §§ 180.910, 180.920, 180.930, 180.940, 180.950, and 180.1071 of this chapter.

(i) *Commonly consumed food commodities*, as described in § 180.950(a) of this chapter.

(ii) *Animal feed items*, as described in § 180.950(b) of this chapter.

(iii) *Edible fats and oils*, as described in § 180.950(c) of this chapter.

(iv) *Specific chemical substances*, as listed in the following table.

Table 2 –Inert Ingredients Permitted in Minimum Risk Pesticide Products

Label Display Name	Chemical Name	CAS No.
Acetyl tributyl citrate	Citric acid, 2-(acetyloxy)-, tributyl ester	77-90-7
Agar	Agar	9002-18-0
Almond hulls	Almond hulls	N/A
Almond oil	Oils, almond	8007-69-0
Almond shells	Almond shells	N/A
alpha-Cyclodextrin	alpha-Cyclodextrin	10016-20-3
Aluminatesilicate	Aluminatesilicate	1327-36-2
Aluminum magnesium silicate	Silicic acid, aluminum magnesium salt	1327-43-1
Aluminum potassium sodium silicate	Silicic acid, aluminum potassium sodium salt	12736-96-8
Aluminum silicate	Aluminum silicate	1335-30-4
Aluminum sodium silicate	Silicic acid, aluminum sodium salt	1344-00-9
Aluminum sodium silicate	Silicic acid (H ₄ SiO ₄), aluminum sodium salt (1:1:1)	12003-51-9
Ammonium benzoate	Benzoic acid, ammonium salt	1863-63-4
Ammonium stearate	Octadecanoic acid, ammonium salt	1002-89-7
Amylopectin, acid-hydrolyzed, 1-octenylbutanedioate	Amylopectin, acid-hydrolyzed, 1-octenylbutanedioate	113894-85-2
Amylopectin, hydrogen 1-octadecenylbutanedioate	Amylopectin, hydrogen 1-octadecenylbutanedioate	125109-81-1
Animal glue	Animal glue	N/A
Ascorbyl palmitate	Ascorbyl palmitate	137-66-6
Attapulgate-type clay	Attapulgate-type clay	12174-11-7
Beeswax	Beeswax	8012-89-3
Bentonite	Bentonite	1302-78-9
Bentonite, sodian	Bentonite, sodian	85049-30-5
beta-Cyclodextrin	beta-Cyclodextrin	7585-39-9
Bone meal	Bone meal	68409-75-6
Bran	Bran	N/A
Bread crumbs	Bread crumbs	N/A
(+)-Butyl lactate	Lactic acid, n-butyl ester, (S)	34451-19-9
Butyl lactate	Lactic acid, n-butyl ester	138-22-7

Butyl stearate	Octadecanoic acid, butyl ester	123-95-5
Calcareous shale	Calcareous shale	N/A
Calcite	Calcite ($\text{Ca}(\text{CO}_3)$)	13397-26-7
Calcium acetate	Calcium acetate	62-54-4
Calcium acetate monohydrate	Acetic acid, calcium salt, monohydrate	5743-26-0
Calcium benzoate	Benzoic acid, calcium salt	2090-05-3
Calcium carbonate	Calcium carbonate	471-34-1
Calcium citrate	Citric acid, calcium salt	7693-13-2
Calcium octanoate	Calcium octanoate	6107-56-8
Calcium oxide silicate	Calcium oxide silicate ($\text{Ca}_3 \text{O}(\text{SiO}_4)$)	12168-85-3
Calcium silicate	Silicic acid, calcium salt	1344-95-2
Calcium stearate	Octadecanoic acid, calcium salt	1592-23-0
Calcium sulfate	Calcium sulfate	7778-18-9
Calcium sulfate dihydrate	Calcium sulfate dihydrate	10101-41-4
Calcium sulfate hemihydrate	Calcium sulfate hemihydrate	10034-76-1
Canary seed	Canary seed	N/A
Carbon	Carbon	7440-44-0
Carbon dioxide	Carbon dioxide	124-38-9
Carboxymethyl cellulose	Cellulose, carboxymethyl ether	9000-11-7
Cardboard	Cardboard	N/A
Carnauba wax	Carnauba wax	8015-86-9
Carob gum	Locust bean gum	9000-40-2
Carrageenan	Carrageenan	9000-07-1
Caseins	Caseins	9000-71-9
Castor oil	Castor oil	8001-79-4
Castor oil, hydrogenated	Castor oil, hydrogenated	8001-78-3
Cat food	Cat food	N/A
Cellulose	Cellulose	9004-34-6
Cellulose acetate	Cellulose acetate	9004-35-7
Cellulose, mixture with cellulose carboxymethyl ether, sodium salt	Cellulose, mixture with cellulose carboxymethyl ether, sodium salt	51395-75-6
Cellulose, pulp	Cellulose, pulp	65996-61-4
Cellulose, regenerated	Cellulose, regenerated	68442-85-3
Cheese	Cheese	N/A
Chlorophyll a	Chlorophyll a	479-61-8
Chlorophyll b	Chlorophyll b	519-62-0
Citric acid	Citric acid	77-92-9
Citric acid, monohydrate	Citric acid, monohydrate	5949-29-1
Citrus meal	Citrus meal	N/A
Citrus pectin	Citrus pectin	9000-69-5

Citrus pulp	Citrus pulp	68514-76-1
Clam shells	Clam shells	N/A
Cocoa	Cocoa	8002-31-1
Cocoa shell flour	Cocoa shell flour	N/A
Cocoa shells	Cocoa shells	N/A
Cod-liver oil	Cod-liver oil	8001-69-2
Coffee grounds	Coffee grounds	68916-18-7
Cookies	Cookies	N/A
Cork	Cork	61789-98-8
Corn cobs	Corn cobs	N/A
Cotton	Cotton	N/A
Cottonseed meal	Cottonseed meal	68424-10-2
Cracked wheat	Cracked wheat	N/A
Decanoic acid, monoester with 1,2,3- propanetriol	Decanoic acid, monoester with 1,2,3- propanetriol	26402-22-2
Dextrins	Dextrins	9004-53-9
Diglyceryl monooleate	9-Octadecenoic acid, ester with 1,2,3- propanetriol	49553-76-6
Diglyceryl monostearate	9-Octadecanoic acid, monoester with oxybis(propanediol)	12694-22-3
Dilaurin	Dodecanoic acid, diester with 1,2,3- propanetriol	27638-00-2
Dipalmitin	Hexadecanoic acid, diester with 1,2,3- propanetriol	26657-95-4
Dipotassium citrate	Citric acid, dipotassium salt	3609-96-9
Disodium citrate	Citric acid, disodium salt	144-33-2
Disodium sulfate decahydrate	Disodium sulfate decahydrate	7727-73-3
Diatomaceous earth	Kieselguhr; Diatomite (less than 1% crystalline silica)	61790-53-2
Dodecanoic acid, monoester with 1,2,3- propanetriol	Dodecanoic acid, monoester with 1,2,3- propanetriol	27215-38-9
Dolomite	Dolomite	16389-88-1
Douglas fir bark	Douglas fir bark	N/A
Egg shells	Egg shells	N/A
Eggs	Eggs	N/A
(+)-Ethyl lactate	Lactic acid, ethyl ester, (S)	687-47-8
Ethyl lactate	Lactic acid, ethyl ester	97-64-3
Feldspar	Feldspar	68476-25-5
Ferric oxide	Iron oxide (Fe ₂ O ₃)	1309-37-1
Ferrous oxide	Iron oxide (FeO)	1345-25-1
Fish meal	Fish meal	N/A
Fish oil	Fish oil	8016-13-5
Fuller's earth	Fuller's earth	8031-18-3

Fumaric acid	Fumaric acid	110-17-8
gamma-Cyclodextrin	gamma-Cyclodextrin	17465-86-0
Gelatins	Gelatins	9000-70-8
Gellan gum	Gellan gum	71010-52-1
Glue	Glue (as depolymd. animal collagen)	68476-37-9
Glycerin	1,2,3-Propanetriol	56-81-5
Glycerol monooleate	9-Octadecenoic acid (Z)-, 2,3-dihydroxypropyl ester	111-03-5
Glyceryl dicaprylate	Octanoic acid, diester with 1,2,3-propanetriol	36354-80-0
Glyceryl dimyristate	Tetradecanoic acid, diester with 1,2,3-propanetriol	53563-63-6
Glyceryl dioleate	9-Octadecenoic acid (9Z)-, diester with 1,2,3-propanetriol	25637-84-7
Glyceryl distearate	Octadecanoic acid, diester with 1,2,3-propanetriol	1323-83-7
Glyceryl monomyristate	Tetradecanoic acid, monoester with 1,2,3-propanetriol	27214-38-6
Glyceryl monooctanoate	Octanoic acid, monoester with 1,2,3-propanetriol	26402-26-6
Glyceryl monooleate	9-Octadecenoic acid (9Z)-, monoester with 1,2,3-propanetriol	25496-72-4
Glyceryl monostearate	Octadecanoic acid, monoester with 1,2,3-propanetriol	31566-31-1
Glyceryl stearate	Octadecanoic acid, ester with 1,2,3-propanetriol	11099-07-3
Granite	Granite	N/A
Graphite	Graphite	7782-42-5
Guar gum	Guar gum	9000-30-0
Gum Arabic	Gum arabic	9000-01-5
Gum tragacanth	Gum tragacanth	9000-65-1
Gypsum	Gypsum	13397-24-5
Hematite	Hematite (Fe ₂ O ₃)	1317-60-8
Humic acid	Humic acid	1415-93-6
Hydrogenated cottonseed oil	Hydrogenated cottonseed oil	68334-00-9
Hydrogenated rapeseed oil	Hydrogenated rapeseed oil	84681-71-0
Hydrogenated soybean oil	Hydrogenated soybean oil	8016-70-4
Hydroxyethyl cellulose	Cellulose, 2-hydroxyethyl ether	9004-62-0
Hydroxypropyl cellulose	Cellulose, 2-hydroxypropyl ether	9004-64-2
Hydroxypropyl methyl	Cellulose, 2-hydroxypropyl methyl	9004-65-3

cellulose	ether	
Iron magnesium oxide	Iron magnesium oxide (Fe_2MgO_4)	12068-86-9
Iron oxide, hydrate	Iron oxide (Fe_2O_3), hydrate	12259-21-1
Iron oxide	Iron oxide (Fe_3O_4)	1317-61-9
Isopropyl alcohol	2-Propanol	67-63-0
Isopropyl myristate	Isopropyl myristate	110-27-0
Kaolin	Kaolin	1332-58-7
Lactose	Lactose	63-42-3
Lactose monohydrate	Lactose monohydrate	64044-51-5
Lanolin	Lanolin	8006-54-0
Latex rubber	Latex rubber	N/A
Lauric acid	Lauric acid	143-07-7
Lecithins	Lecithins	8002-43-5
Licorice extract	Licorice extract	68916-91-6
Lime dolomitic	Lime (chemical) dolomitic	12001-27-3
Limestone	Limestone	1317-65-3
Linseed oil	Linseed oil	8001-26-1
Magnesium carbonate	Carbonic acid, magnesium salt (1:1)	546-93-0
Magnesium benzoate	Magnesium benzoate	553-70-8
Magnesium oxide	Magnesium oxide	1309-48-4
Magnesium oxide silicate	Magnesium oxide silicate ($\text{Mg}_3\text{O}(\text{Si}_2\text{O}_5)_2$), monohydrate	12207-97-5
Magnesium silicate	Magnesium silicate	1343-88-0
Magnesium silicate hydrate	Magnesium silicate hydrate	1343-90-4
Magnesium silicon oxide	Magnesium silicon oxide ($\text{Mg}_2\text{Si}_3\text{O}_8$)	14987-04-3
Magnesium stearate	Octadecanoic acid, magnesium salt	557-04-0
Magnesium sulfate	Magnesium sulfate	7487-88-9
Magnesium sulfate heptahydrate	Magnesium sulfate heptahydrate	10034-99-8
Malic acid	Malic acid	6915-15-7
Malt extract	Malt extract	8002-48-0
Malt flavor	Malt flavor	N/A
Maltodextrin	Maltodextrin	9050-36-6
Methylcellulose	Cellulose, methyl ether	9004-67-5
Mica	Mica	12003-38-2
Mica-group minerals	Mica-group minerals	12001-26-2
Milk	Milk	8049-98-7
Millet seed	Millet seed	N/A
Mineral oil	Mineral oil (U.S.P.)	8012-95-1
1-Monolaurin	Dodecanoic acid, 2,3-dihydroxypropyl ester	142-18-7
1-Monomyristin	Tetradecanoic acid, 2,3-dihydroxypropyl ester	589-68-4

Monomyristin	Decanoic acid, diester with 1,2,3-propanetriol	53998-07-1
Monopalmitin	Hexadecanoic acid, monoester with 1,2,3-propanetriol	26657-96-5
Monopotassium citrate	Citric acid, monopotassium salt	866-83-1
Monosodium citrate	Citric acid, monosodium salt	18996-35-5
Montmorillonite	Montmorillonite	1318-93-0
Myristic acid	Myristic acid	544-63-8
Nepheline syenite	Nepheline syenite	37244-96-5
Nitrogen	Nitrogen	7727-37-9
Nutria meat	Nutria meat	N/A
Nylon	Nylon	N/A
Octanoic acid, potassium salt	Octanoic acid, potassium salt	764-71-6
Octanoic acid, sodium salt	Octanoic acid, sodium salt	1984-06-1
Oleic acid	Oleic acid	112-80-1
Oyster shells	Oyster shells	N/A
Palm oil	Palm oil	8002-75-3
Palm oil, hydrogenated	Palm oil, hydrogenated	68514-74-9
Palmitic acid	Hexadecanoic acid	57-10-3
Paper	Paper	N/A
Paraffin wax	Paraffin wax	8002-74-2
Peanut butter	Peanut butter	N/A
Peanut shells	Peanut shells	N/A
Peanuts	Peanuts	N/A
Peat moss	Peat moss	N/A
Pectin	Pectin	9000-69-5
Perlite	Perlite	130885-09-5
Perlite, expanded	Perlite, expanded	93763-70-3
Plaster of paris	Plaster of paris	26499-65-0
Polyethylene	Polyethylene	9002-88-4
Polyglyceryl oleate	Polyglyceryl oleate	9007-48-1
Polyglyceryl stearate	Polyglyceryl stearate	9009-32-9
Potassium acetate	Acetic acid, potassium salt	127-08-2
Potassium aluminum silicate, anhydrous	Potassium aluminum silicate, anhydrous	1327-44-2
Potassium benzoate	Benzoic acid, potassium salt	582-25-2
Potassium bicarbonate	Carbonic acid, monopotassium salt	298-14-6
Potassium chloride	Potassium chloride	7447-40-7
Potassium citrate	Citric acid, potassium salt	7778-49-6
Potassium humate	Humic acids, potassium salts	68514-28-3
Potassium myristate	Tetradecanoic acid, potassium salt	13429-27-1
Potassium oleate	9-Octadecenoic acid (9Z)-, potassium salt	143-18-0

Potassium ricinoleate	9-Octadecenoic acid, 12-hydroxy-, monopotassium salt, (9Z, 12R)-	7492-30-0
Potassium sorbate	Sorbic acid, potassium salt	24634-61-5
Potassium stearate	Octadecanoic acid, potassium salt	593-29-3
Potassium sulfate	Potassium sulfate	7778-80-5
Potassium sulfate	Sulfuric acid, monopotassium salt	7646-93-7
1,2-Propylene carbonate	1,3-Dioxolan-2-one, 4-methyl-	108-32-7
Pumice	Pumice	1332-09-8
Red cabbage color	Red cabbage color (expressed from edible red cabbage heads via a pressing process using only acidified water)	N/A
Red cedar chips	Red cedar chips	N/A
Red dog flour	Red dog flour	N/A
Rubber	Rubber	9006-04-6
Sawdust	Sawdust	N/A
Shale	Shale	N/A
Silica, amorphous, fumed	Silica, amorphous, fumed (crystalline free)	112945-52-5
Silica, amorphous, precipitate and gel	Silica, amorphous, precipitate and gel	7699-41-4
Silica	Silica (crystalline free)	7631-86-9
Silica gel	Silica gel	63231-67-4
Silica gel, precipitated, crystalline-free	Silica gel, precipitated, crystalline-free	112926-00-8
Silica, hydrate	Silica, hydrate	10279-57-9
Silica, vitreous	Silica, vitreous	60676-86-0
Silicic acid, magnesium salt	Silicic acid (H ₂ SiO ₃), magnesium salt (1:1)	13776-74-4
Soap	Soap (The water soluble sodium or potassium salts of fatty acids produced by either the saponification of fats and oils, or the neutralization of fatty acid)	N/A
Soapbark	Quillaja saponin	1393-03-9
Soapstone	Soapstone	308076-02-0
Sodium acetate	Acetic acid, sodium salt	127-09-3
Sodium alginate	Sodium alginate	9005-38-3
Sodium benzoate	Benzoic acid, sodium salt	532-32-1
Sodium bicarbonate	Sodium bicarbonate	144-55-8
Sodium carboxymethyl cellulose	Cellulose, carboxymethyl ether, sodium salt	9004-32-4
Sodium chloride	Sodium chloride	7647-14-5
Sodium citrate	Sodium citrate	994-36-5
Sodium humate	Humic acids, sodium salts	68131-04-4
Sodium oleate	Sodium oleate	143-19-1
Sodium ricinoleate	9-Octadecenoic acid, 12-hydroxy-,	5323-95-5

	monosodium salt, (9Z,12R)-	
Sodium stearate	Octadecanoic acid, sodium salt	822-16-2
Sodium sulfate	Sodium sulfate	7757-82-6
Sorbitol	D-glucitol	50-70-4
Soy protein	Soy protein	N/A
Soya lecithins	Lecithins, soya	8030-76-0
Soybean hulls	Soybean hulls	N/A
Soybean meal	Soybean meal	68308-36-1
Soybean, flour	Soybean, flour	68513-95-1
Stearic acid	Octadecanoic acid	57-11-4
Sulfur	Sulfur	7704-34-9
Syrups, hydrolyzed starch, hydrogenated	Syrups, hydrolyzed starch, hydrogenated	68425-17-2
Tetraglycerol monooleate	9-Octadecenoic acid (9Z)-, monoester with tetraglycerol	71012-10-7
Tricalcium citrate	Citric acid, calcium salt (2:3)	813-94-5
Triethyl citrate	Citric acid, triethyl ester	77-93-0
Tripotassium citrate	Citric acid, tripotassium salt	866-84-2
Tripotassium citrate monohydrate	Citric acid, tripotassium salt, monohydrate	6100-05-6
Trisodium citrate	Citric acid, trisodium salt	68-04-2
Trisodium citrate dehydrate	Citric acid, trisodium salt, dehydrate	6132-04-3
Trisodium citrate pentahydrate	Citric acid, trisodium salt, pentahydrate	6858-44-2
Ultramarine blue	C.I. Pigment Blue 29	57455-37-5
Urea	Urea	57-13-6
Vanillin	Benzaldehyde, 4-hydroxy-3-methoxy-	121-33-5
Vermiculite	Vermiculite	1318-00-9
Vinegar	Vinegar (maximum 8% acetic acid in solution)	8028-52-2
Vitamin C	L-Ascorbic acid	50-81-7
Vitamin E	Vitamin E	1406-18-4
Walnut flour	Walnut flour	N/A
Walnut shells	Walnut shells	N/A
Wheat	Wheat	N/A
Wheat flour	Wheat flour	N/A
Wheat germ oil	Wheat germ oil	8006-95-9
Wheat oil	Oils, wheat	68917-73-7
Whey	Whey	92129-90-3
White mineral oil	White mineral oil (petroleum)	8042-47-5
Wintergreen oil	Wintergreen oil	68917-75-9
Wollastonite	Wollastonite (Ca(SiO ₃))	13983-17-0
Wool	Wool	N/A

Xanthan gum	Xanthan gum	11138-66-2
Yeast	Yeast	68876-77-7
Zeolites	Zeolites (excluding erionite (CAS Reg. No. 66733-21-9))	1318-02-1
Zeolites, NaA	Zeolites, NaA	68989-22-0
Zinc iron oxide	Zinc iron oxide	12063-19-3
Zinc oxide	Zinc oxide (ZnO)	1314-13-2
Zinc stearate	Octadecanoic acid, zinc salt	557-05-1

(3) *Other conditions of exemption.* All of the following conditions must be met for products to be exempted under this section:

(i) Each product containing the substance must bear a label identifying the label display name and percentage (by weight) of each active ingredient as listed in table 1 in paragraph (f)(1) of this section. Each product must also list all inert ingredients by the label display name listed in table 2 in paragraph (f)(2)(iv) of this section.

(ii) The product must not bear claims either to control or mitigate microorganisms that pose a threat to human health, including but not limited to disease transmitting bacteria or viruses, or claims to control insects or rodents carrying specific diseases, including, but not limited to ticks that carry Lyme disease.

(iii) Company name and contact information.

(A) The name of the producer or the company for whom the product was produced must appear on the product label. If the company whose name appears on the label in accordance with this paragraph is not the producer, the company name must be qualified by appropriate wording such as “Packed for [insert name],” “Distributed by [insert name], or “Sold by [insert name]” to show that the name is not that of the producer.

(B) Contact information for the company specified in accordance with paragraph (f)(3)(iii)(A) of this section must appear on the product label including the street address

plus ZIP code and the telephone phone number of the location at which the company may be reached.

(C) The company name and contact information must be displayed prominently on the product label.

(iv) The product must not include any false and misleading labeling statements, including those listed in 40 CFR 156.10(a)(5)(i) through (viii).

(4) *Providing guidance.* Guidance on minimum risk pesticides is available at <http://www2.epa.gov/minimum-risk-pesticides> or successor web pages.

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